

MINING APPLICATION
NO. 2

Date May 26, 1981

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

RECEIVED
MAY 27 1981

MINING AND RECLAMATION PLAN
(Other forms may be used in lieu of MR 2, provided they contain the same information)

DIVISION OF
OIL, GAS & MINING

1. Name of Applicant or Company JERIKA MINING CORPORATION
2. Proposed type of operation DRIFT
3. (a) Prior Land Use(s) MINING AND GRAZING
(b) Current Land Use(s) MINING AND GRAZING
(c) Possible or Prospective Future Land Use(s) GRAZING
4. What vegetation exists on the land proposed to be affected Sage Brush, various grasses, and spotty shrubery
(a) Types and Estimated Percent cover or density: COVER
Sage Brush 40%
Grasses 50% Shrubs 10% SAGE BRUSH 40% RCD
5. What is the pH range of soil before mining? 6.96 pH
Name of Person or Agency and method of determining pH Electronic
Stephen Earl Gregory GeoDynamics Inc. P.O. Box 1211 Provo, Utah
6. Site elevation above sea level 6700 feet
7. In case of coal, oil shale, and bituminous sandstone:
Principal seam(s) and thickness(es) _____
8. Estimated duration of mining operations Two Years
9. Has overburden, waste or rejected materials been classified as acid or alkali producing? () Yes (☒) No
Does the above material being moved have any other characteristics affecting revegetation? No
10. Will any underground workings or aquifers be encountered? () Yes () No
Describe Previous underground workings are present but no water as of yet.
Is there an active discharge of water from abandoned deep mines on or crossing the land affected? () Yes (☒) No If yes, describe the quality of water being discharged. _____

11. Describe specifically a detailed procedure for:
- The mining sequence
 - The procedure for constructing and maintaining access roads, to include a typical cross-section and a profile of the proposed road grades.
 - The procedure for site preparation including removing trees and brush.
 - The method for removing and stockpiling topsoil or disturbed materials.
 - The method for the placement or containment of all disturbed materials, to include the method for handling of all acid or alkali-producing and toxic materials.
 - A procedure for final stabilization of disturbed materials.

GRADING AND REGRADING

Specifically describe:

- Typical cross-section of regrading.
- The method of spreading topsoil or upper horizon material on the regraded area and indicate the approximate thickness of the final surfacing material.
- What type of soil treatment will be utilized.
- The method of drainage control for the final regraded area.
- Maximum grading slope.

TESTING

1. Describe method for testing stability of reclamation fill material.

Tests for compaction, porosity, percolation, and grading

Describe method for the testing of soil that is intended to support vegetation

Will employ stored existing topsoil

2. Describe any soil treatment employed as an aid to revegetation _____

None as Foreseen

3. Describe surface preparation of areas intended to support vegetation:

Area to be naturally contoured and covered with stored topsoil which
will support vegetation.

REVEGETATION

1. Revegetation to be completed by:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Operator | <input checked="" type="checkbox"/> Hydroseeding |
| <input type="checkbox"/> Soil Conservation District | <input type="checkbox"/> Aerial Seeding |
| <input type="checkbox"/> Private Contractor | <input type="checkbox"/> Conventional or Rangeland Drilling |
| <input type="checkbox"/> Other (specify) _____ | <input type="checkbox"/> Broadcast and Drag |
| | <input type="checkbox"/> Other _____ |

- 11-A The proposed mining sequence will principally involve drifting with little surface disturbance. The drift will proceed in the most advantageous direction based on long hole exploration. The only mining procedures to date employed by Jerika is the establishing and widening of the previous portal and grading of the access and turn-around area. No substantial disturbance has been made or is planned. All ore with value will be hauled to milling facilities or smelters and all waste country rock will be stored to be used for back-filling and re-grading of contours. No trees will have to be moved and there will be little brush removal.
- 11-B Roads to be utilized are all existing.
- 11-C Site for portal, access, and turn-around area were all previously established by past mining activities.
- 11-D Topsoil will be bladed into storage pile and will be appropriately re-seeded to prevent erosion loss.
- 11-E Rock waste material will be placed at dump location indicated on map. Top soil at area will be removed and stored, while some vegetated soil will be retained to create a dike to contain any sediment run-off from waste dump. Dump capacity will not exceed 10,000 tons, with most waste being reclaimed for backfilling mine drifts and to contour general reclamation grading.
- 11-F Waste dump will be naturally contoured, compacted, and over-laid with topsoil originally removed from site and re-seeded. Reclamation and re-seeding schedule included is derived from Doug Muir, Assistant Ranger, Uinta National Forest, Spanish Fork Office.

2. Will Mulch be used? (X) Yes () No

Type: Automatic w/ Hydroseeding Rate/Acre _____ lbs.

3. Revegetation Plan and Schedule -

Species	Rate/ Acre	Planting Location	Facing N-S-E-W	Season to be replanted
SMOOTH BROAM	4.25 lbs.	MIXED	MIXED	FALL
CRESTED WHEAT	4.25	MIXED	MIXED	FALL
BLUE STEM WHEAT	4.25	MIXED	MIXED	FALL
ALFALFA	1.13	MIXED	MIXED	FALL
CLOVER	1.13	MIXED	MIXED	FALL

4. Will affected area be subject to livestock or wildlife grazing?

(X) Yes () No Will vegetation protection be needed? No

5. Will irrigation be used: () Yes (x) No Type _____

6. Describe maintenance procedures for revegetation if needed, until surety release is granted.

As required by Forest Service. As of yet they have made no indications.

The Forest Service has accepted and issued a bond as per their requirements.

STATE OF UTAH

COUNTY OF UTAH

I, RICHARD C. DESPAIN, having been duly sworn
depose and attest that all of the representations contained in the foregoing
application are true to the best of my knowledge; that I am authorized to
complete and file this application on behalf of the Applicant and this
application has been executed as required by law.

Signed: *Richard C. Despain*

Taken, subscribed and sworn to before me the undersigned authority
in my said county, this 27th day of May, 19 81.

Notary Public: *Andrew J. Anderson*

My Commission Expires: March 8, 1984

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides as
follows:

"Information relating to the location, size, or nature
of the deposit and marked confidential by the operator,
shall be protected as confidential information by the
Board and the Division and not be a matter of public
record in the absence of a written release from the
operator, or until the mining operation has been
terminated as provided in subsection (2) of section
40-8-21."

Is confidential information contained herein?

YES *RCD* (Initial)

NO _____ (Initial)

Sections desired to be maintained as confidential information -

_____	21	_____
_____	_____	_____
_____	_____	_____